

Message Text

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E.O. 11652: GDS
TAGS: PFOR, UR, US
SUBJECT: SPECIAL RECEPTION STUDY RL BROADCASTS IN USSR

REF: STATE 211929

1. OBSERVATIONS OF RADIO LIBERTY BROADCASTS IN RUSSIAN
AT MOSCOW EMBASSY DACHA, LOCATED ABOUT 20 MILES FROM CITY
JAMMER AND AT LENINSKY PROSPEKT, LOCATED ABOUT 10 MILES
FROM CITY JAMMER, INDICATES THAT WHILE LOCATIONS ARE FAR
ENOUGH AWAY FROM JAMMERS NOT TO BE AFFECTED BY GROUNDWAVE
JAMMER DEGRADATION, BROADCASTS ARE STILL SUBJECTED TO
SEVERE DEGRADATION BY SKYWAVE JAMMERS AT BOTH LOCATIONS.
A CONVENTIONAL NOISE TYPE JAMMER AS WELL AS A DISTORTED,
DELAYED, MAYAK TYPE JAMMER OPERATES ON EACH INDIVIDUAL
RADIO LIBERTY FREQUENCY. JAMMERS LOCATED IN MOSCOW EMPLOY
MAYAK TYPE JAMMING WHILE NOISE TYPE JAMMERS, WHICH ARE
RECEIVED AS SKYWAVE JAMMING, ARE BELIEVED IN STRATEGICALLY
LOCATED AREAS OF USSR. THUS INTENDED BROADCASTS ARE
SUBJECTED TO TWO DIFFERENT KINDS OF INTENTIONAL JAMMING.
AT BOTH MONITORING LOCATIONS IN MOSCOW, MOSTLY NOISE TYPE
JAMMING OBSERVED. HOWEVER, WHEN MONITORING CLOSER INTO
CITY, MAYAK TYPE JAMMING BECOMES PREDOMINANT. VERY LITTLE
TO NO PENETRATION THROUGH INTENTIONAL JAMMING OF RADIO
LIBERTY BROADCASTS HAS BEEN OBSERVED SO FAR.

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2. ANTICIPATE OBSERVING EXTENT OF JAMMING AGAINST RL
BROADCASTS WHILE ENROUTE VIA TRAIN MOSCOW-LENINGRAD,
MOSCOW-KIEV, AS WELL AS CAR TRIP LENINGRAD-TALLINN
(ESTONIA) AND KIEV-ZHITOMIR (UKRAINE). MONITORING WILL
BE CONDUCTED AT ONE MORE LOCATION OUTSIDE MOSCOW.
MATLOCK

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